

# 2005 CSP COST LIST

## Twelvepole Creek Watershed

Practice Code	Cost Share Program	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Share Rate
382	CSP	Fence	Install Fence	Foot	2	AC	50
382	CSP	Fence	Install Fence - LRF	Foot	2	AC	65
386	CSP	Field Border	Establish Field Border	Acre	75	AC	50
386	CSP	Field Border	Establish Field Border - LRF	Acre	75	AC	65
390	CSP	Riparian Herbaceous Cover	Establish Herbaceous Cover - Grass and Forbs	Acre	75	AC	50
390	CSP	Riparian Herbaceous Cover	Establish Herbaceous Cover - Grass and Forbs - LRF	Acre	75	AC	65
391	CSP	Riparian Forest Buffer	Establish Forest Buffer - Plant Trees	Acre	400	AC	50
391	CSP	Riparian Forest Buffer	Establish Forest Buffer - Plant Trees - LRF	Acre	400	AC	65
391	CSP	Riparian Forest Buffer	Establish Forest Buffer - Natural Regeneration	Acre	250	AC	50
391	CSP	Riparian Forest Buffer	Establish Forest Buffer - Natural Regeneration - LRF	Acre	250	AC	65
393	CSP	Filter Strip	Establish Filter Strip - Cool Season Grasses	Acre	75	AC	50
393	CSP	Filter Strip	Establish Filter Strip - Cool Season Grasses - LRF	Acre	75	AC	65
393	CSP	Filter Strip	Establish Filter Strip - Warm Season Grasses	Acre	150	AC	50
393	CSP	Filter Strip	Establish Filter Strip - Warm Season Grasses - LRF	Acre	150	AC	65
422	CSP	Hedgerow Planting	Establish Hedgerow	Foot	.34	AC	50
422	CSP	Hedgerow Planting	Establish Hedgerow - LRF	Foot	.34	AC	65
512	CSP	Pasture and Hayland Planting	Establish Grasses and Legumes	Acre	110	AC	50

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512	CSP	Pasture and Hayland Planting	Establish Grasses and Legumes - LRF	Acre	110	AC	65
516	CSP	Pipeline	Install Pipeline	Foot	1.4	AC	50
516	CSP	Pipeline	Install Pipeline - LRF	Foot	1.4	AC	65
560	CSP	Access Road	Install Access Road	Sq Foot	1	AC	50
560	CSP	Access Road	Install Access Road - LRF	Sq Foot	1	AC	65
561	CSP	Heavy Use Area Protection	Install Gravel Pad	Sq Foot	1	AC	50
561	CSP	Heavy Use Area Protection	Install Gravel Pad - LRF	Sq Foot	1	AC	65
561	CSP	Heavy Use Area Protection	Install Concrete Pad	Sq Foot	3	AC	50
561	CSP	Heavy Use Area Protection	Install Concrete Pad - LRF	Sq Foot	3	AC	65
574	CSP	Spring Development	Spring Development	Number	1000	AC	50
574	CSP	Spring Development	Spring Development - LRF	Number	1000	AC	65
575	CSP	Animal Trails & Walkways	Establish Trail or Walkway	Foot	3	AC	50
575	CSP	Animal Trails & Walkways	Establish Trail or Walkway - LRF	Foot	3	AC	65
728	CSP	Stream Crossing	Livestock Stream Crossing - West Virginia only	Number	2000	AC	50
728	CSP	Stream Crossing	Livestock Stream Crossing - West Virginia only - LRF	Number	2000	AC	65
614	CSP	Watering Facility	Install Watering Facility	Number	500	AC	50
614	CSP	Watering Facility	Install Watering Facility - LRF	Number	500	AC	65

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642	CSP	Well	Well for Livestock Water	Number	2100	AC	50
642	CSP	Well	Well for Livestock Water - LRF	Number	2100	AC	65
EEM	CSP	Enhancement - Energy Management	Energy Audit	Each	500	FR	100
EEM	CSP	Enhancement - Energy Management	Recycling of all used motor oil for tractors and lubricating oil for other farm equipment such as irrigation pumps or grain drying motors	Year	200	FR	100
EEM	CSP	Enhancement - Energy Management	Use of perennial legumes in the crop rotation to reduce energy need for production of nitrogen	Acre	0.70	FR	100
EEM	CSP	Enhancement - Energy Management	Use of annual legumes in the crop rotation to reduce energy need for production of nitrogen	Acre	0.10	FR	100
EEM	CSP	Enhancement - Energy Management	Use of manure to supply at least 90% of nutrient needs of plants	Acre	1.10	FR	100
EEM	CSP	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 60	Acre	0.50	FR	100
EEM	CSP	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 30	Acre	0.70	FR	100
EEM	CSP	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 15	Acre	0.90	FR	100
EEM	CSP	Enhancement - Energy Management	Use of renewable energy fuel (Biodiesel or Ethanol). Payments are made in \$25 increments for each 100 gallons actual biofuel used per year.	100 gal	25	FR	100
EEM	CSP	Enhancement - Energy Management	Renewable energy generation (solar, wind, water, geothermal, methane).	100 KWh	2.50	FR	100
EEM	CSP	Enhancement - Energy Management	5% energy reduction	BTU's	100	FR	100
EEM	CSP	Enhancement - Energy Management	10% energy reduction	BTU's	200	FR	100
EEM	CSP	Enhancement - Energy Management	20% energy reduction	BTU's	500	FR	100

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Practice Code	Cost Share Program	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Share Rate
EGM	CSP	Enhancement - Grazing Management	Rotate livestock through at least 8 paddocks	Acre	5	FR	100
EGM	CSP	Enhancement - Grazing Management	Rotate livestock at least every 2 days	Acre	7	FR	100
EGM	CSP	Enhancement - Grazing Management	Manage water supply to prevent travel for more than 800 ft for 90% of pasture	Acre	2	FR	100
EGM	CSP	Enhancement - Grazing Management	Exclude livestock from all riparian areas	Acre	50	FR	100
EGM	CSP	Enhancement - Grazing Management	Stockpile forage to extend grazing season at least 60 days	Acre	5	FR	100
EGM	CSP	Enhancement - Grazing Management	Use Nutrient Balance Analyzer to balance forage with animal demand	Acre	3	FR	100
EGM	CSP	Enhancement - Grazing Management	Use alternative Annual forages to extend grazing period	Acre	30	FR	100
EGM	CSP	Enhancement - Grazing Management	Use alternative Perennial forages to extend grazing period	Acre	30	FR	100
EGM	CSP	Enhancement - Grazing Management	Use tissue sampling results to improve animal forage balance	Acre	1	FR	100
EHM	CSP	Enhancement - Habitat Management	Maintain a min. 20 ft wide strip of forb/legume mix adjacent to waterways, fencerows or woodlots	Acre	10	FR	100
EHM	CSP	Enhancement - Habitat Management	Do not hay, graze or mow between 4-15 and 7-15 to protect Eastern Meadowlark grassland nesting area	Acre	100	FR	100
EHM	CSP	Enhancement - Habitat Management	Maintain 40 foot buffers on all streams and ditches	Acre	1.5	FR	100
EHM	CSP	Enhancement - Habitat Management	Maintain 60 foot buffers on all streams and ditches	Acre	2.5	FR	100
EHM	CSP	Enhancement - Habitat Management	Maintain 60 foot buffers on all ditches and 60 foot riparian tree buffer on all perennial streams	Acre	3.5	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage for wildlife friendly species by replace non-beneficial grasses with recommended wildlife species	Acre	30	FR	100
EHM	CSP	Enhancement - Habitat Management	Leave 100 ft min. strip uncut in hayfield for habitat for pollinators	Acre	100	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage and maintain cavity nesting bird habitat @ 4 nest structures per acre	Acre	25	FR	100

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EHM	CSP	Enhancement - Habitat Management	Manage and maintain habitat for barn owls by maintaining a barn owl nest structure.	Acre	0.50	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage cropland using 30 - 60 ft. grass/forb field borders adjacent to crop fields (50% of borders native grass)	Acre	80	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage and maintain brush pile habitat for wildlife shelter @ 4 brush piles per acre	Acre	25	FR	100
ENM	CSP	Enhancement - Nutrient Management	Maintain 40 foot buffers on all streams and ditches	Acre	1	FR	100
ENM	CSP	Enhancement - Nutrient Management	Maintain 60 foot buffers on all streams and ditches	Acre	2	FR	100
ENM	CSP	Enhancement - Nutrient Management	Maintain 60 foot buffers on all ditches and 60 foot riparian tree buffer on all perennial streams	Acre	3	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage surface runoff to filter nutrients from surface runoff through restored wetland	Acre	2	FR	100
ENM	CSP	Enhancement - Nutrient Management	Grow crops 100% no-till to reduce phosphorus runoff	Acre	6	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage for high residue by establishing cover crop after all low residue crops	Acre	1.5	FR	100
ENM	CSP	Enhancement - Nutrient Management	Inject or incorporate manure with low- or no-residue disturbing equipment	Acre	1.5	FR	100
ENM	CSP	Enhancement - Nutrient Management	Convert row crop to perennial forage or increase hay in rotation	Acre	8	FR	100
ENM	CSP	Enhancement - Nutrient Management	Split nitrogen applications at intervals of 30 or more days	Acre	2	FR	100
ENM	CSP	Enhancement - Nutrient Management	Rotate feeding, loafing or sacrifice areas within pasture every 30 days	Acre	2	FR	100
ENM	CSP	Enhancement - Nutrient Management	Use at least 30% legumes on 90% of pasture to reduce need for nitrogen fertilizer	Acre	2	FR	100
ENM	CSP	Enhancement - Nutrient Management	Use manure in place of fertilizer at least once every four years to improve soil quality	Acre	1	FR	100
ENM	CSP	Enhancement - Nutrient Management	Yearly soil test for pH and crop fertility	Acre	1	FR	100
ENM	CSP	Enhancement - Nutrient Management	No winter manure application during period Dec. 1st thru Mar. 15th	Acre	2	FR	100

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EPM	CSP	Enhancement - Pest Management	Use Conservation Crop Rotation of at least three crops in rotation to break pest cycles, no crop grown 2 years in a row	Acre	6	FR	100
EPM	CSP	Enhancement - Pest Management	Manages crops as an Integrated Pest Management (IPM) Practitioner.	Acre	4	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.1.	Acre	1.16	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.2.	Acre	2.32	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.3.	Acre	3.48	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.4.	Acre	4.64	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.5.	Acre	5.80	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.6.	Acre	6.96	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.7.	Acre	8.12	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.8.	Acre	9.28	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.9.	Acre	10.44	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.0.	Acre	11.60	FR	100

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ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.1.	Acre	12.76	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.2.	Acre	13.92	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.3.	Acre	15.08	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.4.	Acre	16.24	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.5.	Acre	17.40	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.6.	Acre	18.56	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.7.	Acre	19.72	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.8.	Acre	20.88	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.9.	Acre	22.04	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.0.	Acre	23.20	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.1.	Acre	24.36	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.2.	Acre	25.52	FR	100

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ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.3.	Acre	26.68	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.4.	Acre	27.84	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.5 or greater.	Acre	29.00	FR	100
ESM	CSP	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	Acre	0.50	FR	100
ESM	CSP	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	Acre	1.00	FR	100
ESM	CSP	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	Acre	2.00	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 1 - 60 - 64%.	Acre	2.00	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 2 - 65 - 69%.	Acre	4.00	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 3 - 70 - 74%.	Acre	6.00	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 4 - 75 - 79%.	Acre	8.00	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 5 - 80 - 84%.	Acre	10.00	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 6 - 85% or greater.	Acre	12.00	FR	100
EAM	CSP	Enhancement - Air Resource Management	Use windbreaks to reduce spray drift and/or reduce dust (one row min.)	Acre	3	FR	100
EAM	CSP	Enhancement - Air Resource Management	Grow crops 100% no-till to reduce phosphorus runoff	Acre	6	FR	100



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EAM	CSP	Enhancement - Air Resource Management	Inject or incorporate manure to minimize odors	Acre	1	FR	100
SP	CSP	Stewardship Payment	Tier 3 Cropland	Acre	3.94	FR	100
SP	CSP	Stewardship Payment	Tier 2 Cropland	Acre	1.75	FR	100
SP	CSP	Stewardship Payment	Tier 1 Cropland	Acre	0.44	FR	100
SP	CSP	Stewardship Payment	Tier 3 Irrigated Cropland	Acre	5.85	FR	100
SP	CSP	Stewardship Payment	Tier 2 Irrigated Cropland	Acre	2.60	FR	100
SP	CSP	Stewardship Payment	Tier 1 Irrigated Cropland	Acre	0.65	FR	100
SP	CSP	Stewardship Payment	Tier 3 Pasture	Acre	1.58	FR	100
SP	CSP	Stewardship Payment	Tier 2 Pasture	Acre	0.70	FR	100
SP	CSP	Stewardship Payment	Tier 1 Pasture	Acre	0.18	FR	100
EPP	CSP	Existing Practice Payment	Tier 3 Cropland	Acre	0.985	FR	100
EPP	CSP	Existing Practice Payment	Tier 2 Cropland	Acre	0.4375	FR	100
EPP	CSP	Existing Practice Payment	Tier 1 Cropland	Acre	0.11	FR	100
EPP	CSP	Existing Practice Payment	Tier 3 Irrigated Cropland	Acre	1.4625	FR	100
EPP	CSP	Existing Practice Payment	Tier 2 Irrigated Cropland	Acre	0.65	FR	100
EPP	CSP	Existing Practice Payment	Tier 1 Irrigated Cropland	Acre	0.1625	FR	100
EPP	CSP	Existing Practice Payment	Tier 3 Pasture	Acre	0.395	FR	100

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EPP	CSP	Existing Practice Payment	Tier 2 Pasture	Acre	0.175	FR	100
EPP	CSP	Existing Practice Payment	Tier 1 Pasture	Acre	0.045	FR	100